

Title (en)
KITE LINE REELING DEVICE

Title (de)
DRACHENLEINENAUFWICKLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ENROULEMENT DE LIGNE DE CERF-VOLANT

Publication
EP 3126216 A1 20170208 (EN)

Application
EP 15718616 A 20150325

Priority
• ZA 201402191 A 20140325
• IB 2015052181 W 20150325

Abstract (en)
[origin: WO2015145363A1] This invention concerns a line reeling device (10) for reeling front and back lines (202, 206) of a kite (200). The device (10) includes a reeling mechanism (14) comprising a first reel (40) and a second reel (42) which are located in an enclosure and on which the front and back lines (202, 206) are, in use, wound respectively. The reels (40, 42) are arranged so that their rotation in one direction retracts the lines and their rotation in the other direction deploys the lines. The reeling mechanism (14) further includes reel connecting means (46) which is operable to cause the reels (40, 42) to rotate in harmony in one configuration and rotate independently in another configuration. The reeling mechanism (14) also has a braking mechanism (54) for controlling rotation of the reels (40, 42) and a control mechanism (60) which is in connection with the braking mechanism (54). The control mechanism (60) is operable between a first, locked position wherein rotation of the reels (40, 42) is obstructed and a second, released position wherein rotation of the reels (40, 42) is allowed.

IPC 8 full level
B63B 35/79 (2006.01); **A63H 27/00** (2006.01); **B65H 75/40** (2006.01)

CPC (source: CN EP US)
B63H 8/16 (2020.02 - CN EP US); **B63H 8/50** (2020.02 - CN EP US); **B65H 75/406** (2013.01 - CN EP US); **B65H 75/4428** (2013.01 - US); **B65H 75/4452** (2013.01 - CN EP US); **B63H 8/18** (2020.02 - CN EP US); **B65H 2701/356** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2015145363A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015145363 A1 20151001; CA 2943724 A1 20151001; CA 2943724 C 20220517; CN 106458501 A 20170222; CN 106458501 B 20190409; EP 3126216 A1 20170208; EP 3126216 B1 20180606; US 10780363 B2 20200922; US 2017106306 A1 20170420; ZA 201606676 B 20180530

DOCDB simple family (application)
IB 2015052181 W 20150325; CA 2943724 A 20150325; CN 201580027701 A 20150325; EP 15718616 A 20150325; US 201515128867 A 20150325; ZA 201606676 A 20160927